

250200

Revision: 12.04.2011
Printing date: 07.07.2016

01 Identification of the substance/mixture and of the company/undertaking

- Product identifier
- Trade name:
4-Bromophenacyl-trifluoromethanesulfonate
- Article number:
new: 4026640 old: Q-2000
- CAS Number:
93128-04-2
- Relevant identified uses of the substance or mixture and uses advised against
- Application of the substance / the preparation
Laboratory chemicals
- Details of the supplier of the safety data sheet
- Manufacturer/Supplier:
Bachem AG
Hauptstrasse 144
CH-4416 Bubendorf
Switzerland
E-mail msds@bachem.com
Tel +41 58 595 2021
Fax +41 58 595 2040
- Further information obtainable from:
Department: Marketing
- Emergency telephone number:
+41 44 251 51 51 (Tox Info Suisse)

* 02 Hazards identification

- Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008



GHS05

Skin Corr. 1B - H314 Causes severe skin burns and eye damage.

- Label elements
- Labelling according to Regulation (EC) No 1272/2008



GHS05

- Signal word
Danger
- Hazard statements
H314 Causes severe skin burns and eye damage.
- Precautionary statements
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P264 Wash thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P405 Store locked up.
P501a Dispose of contents/container in accordance with local/regional/ national/international regulations.
- Other hazards
- Results of PBT and vPvB assessment
- PBT:

(Contd. on page 2)

250200

Revision: 12.04.2011
Printing date: 07.07.2016

PRODUCT : 4-Bromophenacyl-trifluoromethanesulfonate

(Contd. of page 1)

- Not applicable.
- vPvB:
- Not applicable.

03 Composition/information on ingredients

- Chemical characterization: Substances
- CAS No.** **Description**
- 93128-04-2 4-Bromophenacyl-trifluoromethanesulfonate
- Identification number(s)
- EINECS Number:
-
- RTECS Number:
-

04 First aid measures

- General information:
Immediately remove any clothing soiled by the product.
- After inhalation:
In case of unconsciousness place patient stably in side position for transportation.
- After skin contact:
Immediately wash with water and soap and rinse thoroughly.
Seek immediate medical advice.
- After eye contact:
Rinse opened eye for several minutes under running water. Then consult a doctor.
- After swallowing:
Drink plenty of water and provide fresh air. Call for a doctor immediately.
- Information for doctor:
- Most important symptoms and effects, both acute and delayed
No further relevant information available.
- Indication of any immediate medical attention and special treatment needed
No further relevant information available.

05 Firefighting measures

- Suitable extinguishing agents:
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- Special hazards arising from the substance or mixture
No further relevant information available.
- Advice for firefighters
- Protective equipment:
No special measures required.

06 Accidental release measures

- Personal precautions, protective equipment and emergency procedures
Wear protective equipment. Keep unprotected persons away.
Avoid formation of dust.
Use respiratory protective device against the effects of fumes/dust/ aerosol.
Wear protective clothing.
- Environmental precautions:
Suppress gases/fumes/haze with water spray.
- Methods and material for containment and cleaning up:
Use neutralizing agent.
Dispose contaminated material as waste according to item 13.

GB

(Contd. on page 3)

250200

Revision: 12.04.2011
Printing date: 07.07.2016

PRODUCT : 4-Bromophenacyl-trifluoromethanesulfonate

(Contd. of page 2)

07 Handling and storage

- Handling:
 - Precautions for safe handling
 - Thorough dedusting.
 - Open and handle receptacle with care.
 - Prevent formation of dust.
 - Information about fire - and explosion protection:
 - Keep respiratory protective device available.
- Storage:
 - Requirements to be met by storerooms and receptacles:
 - No special requirements.
 - Information about storage in one common storage facility:
 - Store away from foodstuffs.
 - Further information about storage conditions:
 - Keep container tightly sealed.
 - Store in dry conditions.
 - Recommended storage temperature:
 - +5 +/- 3 °C
- Specific end use(s)
 - No further relevant information available.

08 Exposure controls/personal protection

- Ingredients with limit values that require monitoring at the workplace:
 - Not required.
- Additional information:
 - The lists valid during the making were used as basis.
- Personal protective equipment:
- General protective and hygienic measures:
 - Keep away from foodstuffs, beverages and feed.
 - Immediately remove all soiled and contaminated clothing
 - Store protective clothing separately.
 - Avoid contact with the eyes and skin.
- Respiratory protection:
 - In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
 - Use suitable respiratory protective device in case of insufficient ventilation.
- Protection of hands:
 - The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
 - Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
 - Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
 - Protective gloves
- Material of gloves
 - The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
- Penetration time of glove material
 - The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Eye protection:
 - Safety glasses
 - Tightly sealed goggles

09 Physical and chemical properties

General Information

Appearance:

Form:	Powder
Colour:	White
Odour:	Nearly odourless
Odour threshold:	Not determined.
Molecular Weight	347,1100 g/mol

(Contd. on page 4)

250200

Revision: 12.04.2011
Printing date: 07.07.2016

PRODUCT : 4-Bromophenacyl-trifluoromethanesulfonate

(Contd. of page 3)

Change in condition	
Melting point/Melting range:	147 °C
Boiling point/Boiling range:	Undetermined.
Flash point:	Not applicable.
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	
Decomposition temperature:	Not determined.
Self-igniting:	Not determined.
Danger of explosion:	Not determined.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapour pressure:	Not determined.
Density:	Not determined.
Solubility in / Miscibility with water:	
	Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
Other information	No further relevant information available.

10 Stability and reactivity

- Thermal decomposition / conditions to be avoided:
No decomposition if used according to specifications.
- Possibility of hazardous reactions
No dangerous reactions known.
- Conditions to avoid
No further relevant information available.
- Incompatible materials:
No further relevant information available.
- Dangerous decomposition products:
No dangerous decomposition products known.

11 Toxicological information

- Acute toxicity:
No further relevant information available.
- Primary irritant effect:
- on the skin:
Caustic effect on skin and mucous membranes.
- on the eye:
Strong caustic effect.
- Sensitization:
No sensitizing effects known.
- Additional toxicological information:
Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

12 Ecological information

- Aquatic toxicity:
No further relevant information available.
- Persistence and degradability
No further relevant information available.
- Behaviour in environmental systems:

(Contd. on page 5)

250200

Revision: 12.04.2011
Printing date: 07.07.2016

PRODUCT : 4-Bromophenacyl-trifluoromethanesulfonate

(Contd. of page 4)

- Bioaccumulative potential
No further relevant information available.
- Mobility in soil
No further relevant information available.
- Additional ecological information:
- General notes:
Must not reach sewage water or drainage ditch undiluted or unneutralized.
- Results of PBT and vPvB assessment
- PBT:
Not applicable.
- vPvB:
Not applicable.
- Other adverse effects
No further relevant information available.

13 Disposal considerations

- Waste treatment methods
- Waste disposal key:
18 02 05
- Uncleaned packaging:
- Recommendation:
Disposal must be made according to official regulations.

14 Transport information

ADR/RID class: 8 (C4)
Danger code (Kemler): 80
UN-Number: 3261
Packaging group: II
Hazard label:



UN proper shipping name: 3261 CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.
Excepted quantities (EQ): E2
Limited quantities (LQ): LQ23
Transport category: 2
Tunnel restriction code: E
IMDG Class: 8
UN Number: 3261
Label:



Packaging group: II
EMS Number: F-A,S-B
Proper shipping name: CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.
ICAO/IATA Class: 8
UN/ID Number: 3261

(Contd. on page 6)

250200

Revision: 12.04.2011
Printing date: 07.07.2016

PRODUCT : 4-Bromophenacyl-trifluoromethanesulfonate

(Contd. of page 5)

Label



Packaging group:

II

Proper shipping name:

CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.

- UN "Model Regulation":
UN 3261 CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S., 8, II
- Environmental hazards:
Not applicable.
- Special precautions for user
Warning: Corrosive substances.
- Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not applicable.

15 Regulatory information

- Chemical safety assessment:
A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Department issuing MSDS:
Department: Marketing
- Abbreviations and acronyms:
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
ICAO: International Civil Aviation Organisation
EINECS: European Inventory of Existing Commercial Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
RTECS: Registry of Toxic Effects of Chemical Substances
- * Data compared to the previous version altered.